



#2

OICE

RAW SEQUENCE LISTING

DATE: 02/07/2002

PATENT APPLICATION: US/10/040,815

TIME: 18:22:42

Input Set : N:\Cr3\RULE60\10040815.txt

Output Set: N:\CRF3\02072002\J040815.raw

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:

6 (i) APPLICANT: Harrison, Leonard
 7 Honeyman, Margo
 8 Rudy, George
 9 Lew, Andrew

11 (ii) TITLE OF INVENTION: IMMUNOREACTIVE AND IMMUNOTHERAPEUTIC
 12 MOLECULES

14 (iii) NUMBER OF SEQUENCES: 8

16 (iv) CORRESPONDENCE ADDRESS:

17 (A) ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
 18 (B) STREET: 400 Garden City Plaza
 19 (C) CITY: Garden City
 20 (D) STATE: New York
 21 (E) COUNTRY: USA
 22 (F) ZIP: 11530

24 (v) COMPUTER READABLE FORM:

25 (A) MEDIUM TYPE: Floppy disk
 26 (B) COMPUTER: IBM PC compatible
 27 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 28 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

30 (vi) CURRENT APPLICATION DATA:

C--> 31 (A) APPLICATION NUMBER: US/10/040,815
 C--> 32 (B) FILING DATE: 07-Jan-2002
 C--> 38 (C) CLASSIFICATION:

35 (vii) PRIOR APPLICATION DATA:

36 (A) APPLICATION NUMBER: 08/663,272
 37 (B) FILING DATE: 03-SEP-1997

40 (viii) ATTORNEY/AGENT INFORMATION:

41 (A) NAME: DiGiglio, Frank S.
 42 (B) REGISTRATION NUMBER: 31,346
 43 (C) REFERENCE/DOCKET NUMBER: 10308

45 (ix) TELECOMMUNICATION INFORMATION:

46 (A) TELEPHONE: 516-742-4343
 47 (B) TELEFAX: 516-742-4366
 48 (C) TELEX: 230 901 SANS UR

51 (2) INFORMATION FOR SEQ ID NO: 1:

53 (i) SEQUENCE CHARACTERISTICS:

54 (A) LENGTH: 13 amino acids
 55 (B) TYPE: amino acid
 56 (C) STRANDEDNESS: not relevant
 57 (D) TOPOLOGY: linear

59 (ii) MOLECULE TYPE: protein

ENTERED

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62      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
64      Phe Phe Tyr Thr Pro Lys Thr Arg Arg Glu Ala Glu Asp
65      1          5          10
67 (2) INFORMATION FOR SEQ ID NO: 2:
68      (i) SEQUENCE CHARACTERISTICS:
69          (A) LENGTH: 13 amino acids
70          (B) TYPE: amino acid
71          (C) STRANDEDNESS: not relevant
72          (D) TOPOLOGY: linear
73      (ii) MOLECULE TYPE: protein
74      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
75      Phe Trp Tyr Ile Pro Pro Ser Leu Arg Thr Leu Glu Asp
76      1          5          10
77 (2) INFORMATION FOR SEQ ID NO: 3:
78      (i) SEQUENCE CHARACTERISTICS:
79          (A) LENGTH: 13 amino acids
80          (B) TYPE: amino acid
81          (C) STRANDEDNESS: not relevant
82          (D) TOPOLOGY: linear
83      (ii) MOLECULE TYPE: protein
84      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
85      Phe Phe Tyr Thr Pro Lys Ser Arg Arg Glu Val Glu Asp
86      1          5          10
87 (2) INFORMATION FOR SEQ ID NO: 4:
88      (i) SEQUENCE CHARACTERISTICS:
89          (A) LENGTH: 13 amino acids
90          (B) TYPE: amino acid
91          (C) STRANDEDNESS: not relevant
92          (D) TOPOLOGY: linear
93      (ii) MOLECULE TYPE: protein
94      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
95      Phe Phe Tyr Thr Pro Met Ser Arg Arg Glu Val Glu Asp
96      1          5          10
97 (2) INFORMATION FOR SEQ ID NO: 5:
98      (i) SEQUENCE CHARACTERISTICS:
99          (A) LENGTH: 13 amino acids
100         (B) TYPE: amino acid
101         (C) STRANDEDNESS: not relevant
102         (D) TOPOLOGY: linear
103      (ii) MOLECULE TYPE: protein
104      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
105      Phe Trp Phe Val Pro Pro Ser Leu Arg Thr Leu Glu Asp
106      1          5          10
107 (2) INFORMATION FOR SEQ ID NO: 6:
108      (i) SEQUENCE CHARACTERISTICS:
109          (A) LENGTH: 13 amino acids
110          (B) TYPE: amino acid
111          (C) STRANDEDNESS: not relevant
112          (D) TOPOLOGY: linear

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139      (ii) MOLECULE TYPE: protein
142      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
144      Phe Trp Tyr Ile Pro Gln Ser Leu Arg Gly Val Pro Asp
145      1           5           10
147 (2) INFORMATION FOR SEQ ID NO: 7:
149      (i) SEQUENCE CHARACTERISTICS:
150          (A) LENGTH: 13 amino acids
151          (B) TYPE: amino acid
152          (C) STRANDEDNESS: not relevant
153          (D) TOPOLOGY: linear
155      (ii) MOLECULE TYPE: protein
158      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
160      Phe Trp Tyr Ile Pro Gln Ser Leu Arg Gly Val Pro Asp
161      1           5           10
163 (2) INFORMATION FOR SEQ ID NO: 8:
165      (i) SEQUENCE CHARACTERISTICS:
166          (A) LENGTH: 16 amino acids
167          (B) TYPE: amino acid
168          (C) STRANDEDNESS: not relevant
169          (D) TOPOLOGY: linear
171      (ii) MOLECULE TYPE: protein
174      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
176      Cys Arg Phe Asp Pro Gln Phe Ala Leu Thr Asn Ile Ala Val Arg Lys
177      1           5           10           15

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VERIFICATION SUMMARY

DATE: 02/07/2002

PATENT APPLICATION: US/10/040,815

TIME: 18:22:43

Input Set : N:\Crf3\RULE60\10040815.txt

Output Set: N:\CRF3\02072002\J040815.raw

L:31 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:32 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:38 M:220 C: Keyword misspelled or invalid format, [(C) CLASSIFICATION:]
L:38 M:220 C: Keyword misspelled or invalid format, Poss data loss, (C) CLASSIFICATION: